



U.S. ENVIRONMENTAL PROTECTION AGENCY SPCC FIELD INSPECTION AND PLAN REVIEW CHECKLIST

FOR USE AT ONSHORE FACILITIES (EXCLUDING PRODUCTION)

FACILITY INFORMATION <i>Down East Energy</i>			
FACILITY NAME: <i>Down East Energy 288</i>			
LAT:	LONG:	Section/Township/Range:	
ADDRESS: <i>288 River Street</i>			
CITY: <i>Springvale</i>	STATE: <i>ME</i>	ZIP: <i>04083</i>	COUNTY:
TELEPHONE: <i>207-324-6777</i>	FACILITY REPRESENTATIVE NAME: <i>Sue Roberts</i>		
OWNER NAME: <i>Downeast Energy</i>			
OWNER ADDRESS: <i>18 Spring St.</i>			
CITY: <i>Brunswick</i>	STATE: <i>ME</i>	ZIP: <i>04011</i>	
OWNER CONTACT PERSON: <i>Steve Hall</i>			
TELEPHONE: <i>207 729-9921</i>	FAX:	EMAIL:	
FACILITY OPERATOR NAME (IF DIFFERENT FROM OWNER -- IF NOT, PRINT "SAME"):			
OPERATOR ADDRESS: <i>NA</i>			
CITY:	STATE:	ZIP:	
TELEPHONE:	OPERATOR CONTACT PERSON:		
FACILITY TYPE:			NAICS CODE:
HOURS PER DAY FACILITY ATTENDED:		TOTAL FACILITY CAPACITY:	
TYPE(S) OF OIL STORED:			
LOCATED IN INDIAN COUNTRY? <input type="checkbox"/> YES <input type="checkbox"/> NO RESERVATION NAME:			

INSPECTION INFORMATION		
INSPECTION DATE: <i>12/18/08</i>	TIME: <i>1300 hrs.</i>	INSPECTION NUMBER:
LEAD INSPECTOR: <i>Alex Skerrin</i>		
OTHER INSPECTOR(S):		

INSPECTOR ACKNOWLEDGMENT	
I performed an SPCC inspection at the facility specified above.	
INSPECTOR SIGNATURE: <i>Alex Skerrin</i>	DATE: <i>12/18/08</i>

FACILITY RESPONSE PLAN (FRP) APPLICABILITY

A non-transportation related onshore facility is required to prepare and implement an FRP as outlined in 40 CFR 112.20 if:

- ☐ The facility transfers oil over water to or from vessels and has a total oil storage capacity greater than or equal to 42,000 gallons, OR

The facility has a total oil storage capacity of at least 1 million gallons, and at least one of the following is true:

- ☐ The facility does not have secondary containment sufficiently large to contain the capacity of the largest aboveground tank plus sufficient freeboard for precipitation.
☐ The facility is located at a distance such that a discharge could cause injury to fish and wildlife and sensitive environments.
☐ The facility is located such that a discharge would shut down a public drinking water intake.
☐ The facility has had a reportable discharge greater than or equal to 10,000 gallons in the past 5 years.

Facility has FRP: ☐ Yes ☒ No ☐ Not Required

FRP Number:

Facility has a completed and signed copy of Appendix D, Attachment C-II,

"Certification of the Applicability of the Substantial Harm Criteria."

☒ Yes ☐ No

Comments:

SPCC GENERAL APPLICABILITY—40 CFR 112.1

IS THE FACILITY REGULATED UNDER 40 CFR part 112?

The completely buried oil storage capacity is over 42,000 gallons, OR the aggregate aboveground oil storage capacity is over 1,320 gallons

☒ Yes ☐ No

AND

The facility is a non-transportation-related facility engaged in drilling, producing, gathering, storing, processing, refining, transferring, distributing, using, or consuming oil and oil products, which due to its location could reasonably be expected to discharge oil into or upon the navigable waters of the United States (as defined in 40 CFR 110.1).

☒ Yes ☐ No

AFFECTED WATERWAY(S):

Mausam River

DISTANCE:

500'

PATH:

Down gradient in a storm water drainage ditch.

Note: The following storage capacity is not considered in determining applicability of SPCC requirements:

- Completely buried tanks subject to all the technical requirements of 40 CFR part 280 or a state program approved under 40 CFR part 281.
- Equipment subject to the authority of the U.S. Department of Transportation, U.S. Department of the Interior, or Minerals Management Service, as defined in Memoranda of Understanding dated November 24, 1971, and November 8, 1993.
- Any facility or part thereof used exclusively for wastewater treatment (production, recovery or recycling of oil is not considered wastewater treatment).
- Containers smaller than 55 gallons.
- Permanently closed containers.
- Motive power containers

Does the facility have an SPCC Plan?

☒ Yes ☐ No

Comments:

SPCC Qualified Facility APPLICABILITY—40 CFR 112.3(g) [2006 Rule Provision]

112.3(g)(1)	The aggregate aboveground storage capacity is 10,000 gallons or less <u>AND</u>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
112.3(g)(2)	The facility has had no single discharge as described in §112.1(b) exceeding 1,000 U.S. gallons, OR the facility has had no two discharges as described in §112.1(b) exceeding 42 U.S. gallons within any twelve-month period in the three years prior to the SPCC Plan self-certification date, or since becoming subject to the rule if the facility has been in operation for less than three years. (Note: Oil discharges that result from natural disasters, acts of war, or terrorism are not included in this qualification determination.)	<input type="checkbox"/> Yes <input type="checkbox"/> No

IF YES TO BOTH OF THE ABOVE, THEN THE FACILITY IS CONSIDERED A QUALIFIED FACILITY: Complete relevant sections of this checklist and Appendix A.

REQUIREMENTS FOR PREPARATION AND IMPLEMENTATION OF A SPCC PLAN—40 CFR 112.3

Date facility began operations:

Date of initial SPCC Plan preparation: 7/2005 Current Plan version (date/number): 7/2005

112.3(a), (c)	For facilities (excluding farms) in operation prior to August 16, 2002, Plan amended to reflect 2002 SPCC requirements and changes implemented by July 1, 2009	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
	For facilities (excluding farms) beginning operation between August 17, 2002, and July 1, 2009, Plan prepared and fully implemented by July 1, 2009	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
112.3(b), (c)	For facilities beginning operation after July 1, 2009, Plan prepared and fully implemented before beginning operations	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> NA

112.3(d)	[2002 Rule Requirement] [Except for self-certified Plans] Professional Engineer certification includes statement that the PE attests: <ul style="list-style-type: none">PE is familiar with the requirements of 40 CFR part 112 <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NAPE or agent has visited and examined the facility <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NAPlan is prepared in accordance with good engineering practice including consideration of applicable industry standards and the requirements of 40 CFR part 112 <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NAProcedures for required inspections and testing have been established <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NAPlan is adequate for the facility <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA	
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[Requirement for facilities that began operation on or before August 16, 2002] [Except for self-certified Plans]

Plans should include evidence that the PE:

- Has examined the facility ☒ Yes ☐ No ☐ NA
- Is familiar with the provisions of this part ☒ Yes ☐ No ☐ NA
- Attests that the SPCC that Plan has been prepared in accordance with good engineering practices ☒ Yes ☐ No ☐ NA

PE Name: Scott Collins License No.: 7860 State: ME Date of certification: 7/2005

112.3(e)	[2002 Rule Requirement] Plan available onsite if facility is attended at least 4 hours per day (If facility is unattended, please note nearest field office contact information in comments section below)	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
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[Interim requirement for facilities that began operation on or before August 16, 2002]

Plan available onsite if facility is attended at least 8 hours per day (If facility is unattended, please note nearest field office contact information in comments section below)

☒ Yes ☐ No ☐ NA

Comments:

AMENDMENT OF SPCC PLAN BY REGIONAL ADMINISTRATOR (RA)—40 CFR 112.4

112.4(a)

Has the facility discharged more than 1,000 gallons of oil in a single reportable discharge or more than 42 gallons in each of two reportable discharges in any 12-month period (see 40 CFR part 110)? Note: A reportable discharge is a discharge as described in §112.1(b).

☐ Yes ☐ No

- If yes, was information submitted to the RA as required in §112.4(a)?

☐ Yes ☐ No ☐ NA

- Date(s) of reportable discharge(s):

☐ Yes ☐ No

- Were the discharges reported to the NRC?

112.4(d), (e) Have changes required by the RA been implemented in the Plan and/or facility?

☐ Yes ☐ No ☒ NA

Comments:

AMENDMENT OF SPCC PLAN BY THE OWNER OR OPERATOR—40 CFR 112.5

112.5(a)

Has there been a change at the facility that materially affects the potential for a discharge?

☐ Yes ☒ No

If yes, was the Plan amended within six months of the change?

☐ Yes ☐ No

112.5(b)

Review and evaluation of the Plan completed at least once every 5 years?

☐ Yes ☐ No ☒ NA

Following Plan review, and if amendment was required, was Plan amended within six months to include more effective prevention and control technology, if available?

☐ Yes ☐ No ☒ NA

[2002 Rule Requirement]

Amendments implemented within six months of any Plan amendment?

☐ Yes ☐ No ☒ NA

Plan review and evaluation documented in Plan?

☐ Yes ☐ No ☒ NA

112.5(c)

Professional Engineer certification of any technical Plan amendments in accordance with §112.3(d) [Except for self-certified Plans]

☐ Yes ☐ No ☒ NA

Name:

License No.:

State:

Date of certification:

Reason for amendment:

Amendments implemented within six months of any Plan amendment

☐ Yes ☐ No ☒ NA

Comments:

plan is less than 5 yrs. old.

GENERAL SPCC REQUIREMENTS—40 CFR 112.7
PLAN
FIELD

Management approval at a level of authority to commit the necessary resources to fully implement the Plan

☒ Yes ☐ No

 Name: *Sue Roberts*

 Title: *General Manager*

Date:

Plan follows sequence of the rule or provides a cross-reference of requirements in the Plan and the rule

☒ Yes
☐ No

If Plan calls for facilities, procedures, methods, or equipment not yet fully operational, details of their installation and start-up are discussed (Note: Relevant for inspection evaluation and testing baselines.)

☐ Yes
☐ No
☐ NA

112.7(a)(2)

If there are deviations from the requirements of the rule, the Plan states reasons for nonconformance

☐ Yes
☒ No
☒ NA

Alternative measures described in detail and provide equivalent environmental protection (Note: Inspector should document if the environmental equivalence is implemented in the field)

☐ Yes
☐ No
☒ NA

☐ Yes
☐ No
☐ NA

Describe each deviation and reasons for nonconformance

[2002 Rule Requirement]

112.7(a)(3)

Plan includes diagram with location and contents of all regulated containers (including completely buried tanks otherwise exempt from the SPCC requirements), transfer stations, and connecting pipes (Note in comments any discrepancies between the diagram and what is observed in the field)

☒ Yes
☐ No

☐ Yes
☐ No

112.7(a)(3)

Plan addresses each of the following:

(i) For each container, type of oil and storage capacity (see Appendix B)

☒ Yes
☐ No

☐ Yes
☐ No

(ii) Discharge prevention measures, including procedures for routine handling of products

☒ Yes
☐ No

☐ Yes
☐ No

(iii) Discharge or drainage controls, such as secondary containment around containers, and other structures, equipment, and procedures for the control of a discharge

☒ Yes
☐ No

☐ Yes
☒ No

(iv) Countermeasures for discharge discovery, response, and cleanup (both facility's and contractor's resources)

☒ Yes
☐ No

☐ Yes
☐ No

(v) Methods of disposal of recovered materials in accordance with applicable legal requirements

☒ Yes
☐ No

(vi) Contact list and phone numbers for the facility response coordinator, National Response Center, cleanup contractors contracted to respond to a discharge, and all Federal, State, and local agencies who must be contacted in the case of a discharge as described in §112.1(b)

☒ Yes
☐ No
☐ NA

[2002 Rule Requirement]

112.7(a)(4)

Plan includes information and procedures that enable a person reporting a discharge as described in §112.1(b) to relate information on the exact address or location and phone number of the facility; the date and time of the discharge; the type of material discharged; estimates of the total quantity discharged; estimates of the quantity discharged as described in §112.1(b); the source of the discharge; a description of all affected media; the cause of the discharge; any damages or injuries caused by the discharge; actions being used to stop, remove, and mitigate the effects of the discharge; whether an evacuation may be needed; and the names of individuals and/or organizations who have also been contacted (Not required if a facility has an FRP)

☒ Yes
☐ No
☐ NA

GENERAL SPCC REQUIREMENTS—40 CFR 112.7		PLAN	FIELD
[2002 Rule Requirement]			
112.7(a)(5)	Plan organized so that portions describing procedures to be used when a discharge occurs will be readily usable in an emergency (Not required if a facility has an FRP)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> NA	
112.7(b)	Plan includes a prediction of the direction, rate of flow, and total quantity of oil that could be discharged for each type of major equipment failure where experience indicates a reasonable potential for equipment failure <i>Sec pg. 3 Sec 5.</i>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> NA	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
112.7(c)	Appropriate containment and/or diversionary structures or equipment provided to prevent a discharge as described in §112.1(b), except as provided in 112.7(k) of this section for qualified operational equipment, before cleanup occurs. The entire containment system, including walls and floors, are capable of containing oil and are constructed to prevent escape of a discharge from the containment system before cleanup occurs (1) For onshore facilities, one of the following or its equivalent: (i) dikes, berms, or retaining walls sufficiently impervious to contain oil, (ii) curbing, (iii) culverting, gutters or other drainage systems, (iv) weirs, booms or other barriers, (v) spill diversion ponds, (vi) retention ponds, or (vii) sorbent materials (See Appendix B) <i>see pg. 2 things to be questionable 2nd containment.</i>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> NA	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> NA
112.7(d)	Determination(s) of impracticability of secondary containment	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
If YES:	Is the impracticability of secondary containment clearly demonstrated?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
[2002 Rule Requirement]			
For bulk storage containers, periodic integrity testing of containers and leak testing of the valves and piping associated with the container is conducted		<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
Unless facility has FRP:		<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA	
(1) Contingency Plan following 40 CFR part 109 (see Appendix D checklist) is provided <u>AND</u>			
(2) Written commitment of manpower, equipment, and materials required to control and remove any quantity of oil discharged that may be harmful		<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
Comments concerning impracticability determination(s) for secondary containment:			

GENERAL SPCC REQUIREMENTS—40 CFR 112.7
PLAN
FIELD

Other comments:

112.7(e)	Inspections and tests conducted in accordance with written procedures <i>pg. 4 sec. 7</i>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No
	Record of inspections or tests signed by supervisor or inspector and kept with Plan for at least 3 years (see Appendix C checklist)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No
112.7(f)	Personnel, training, and oil discharge prevention procedures [1973 Rule: 112.7(e)(10)]		
	(1) Training of oil-handling personnel in operation and maintenance of equipment to prevent discharges; discharge procedure protocols; applicable pollution control laws, rules and regulations; <u>general facility operations and contents of SPCC Plan</u>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
	(2) Person designated as accountable for discharge prevention at the facility	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
	[2002 Rule Requirement] (3) Discharge prevention briefings conducted at least once a year for oil handling personnel <i>See pg. 4 Sec 8 Training Frequency?</i>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> NA	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
	[Interim requirement for facilities that began operation on or before August 16, 2002]		
	(3) Spill prevention briefings scheduled and conducted at intervals frequent enough to assure adequate understanding of the SPCC Plan for that facility. <i>See pg. 4 Sec 8 Training Frequency?</i>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> NA	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
112.7(g)	Security (excluding production facilities) [1973 Rule: 112.7(e)(9)] [Except self-certified Plans]		
	(1) Facility fully fenced and gates are locked and/or guarded when facility is unattended <i>pg. 2 Sec. 2 says a fence will be built but it was not built</i>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> NA	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
	(2) Master flow and drain valves and any other valves permitting direct outward flow of the container's contents to the surface have adequate security measures so that they remain in the closed position when in non-operating or non-standby status	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
	(3) Pump starter controls locked in "off" position and accessible only to authorized personnel when in non-operating/non-standby status	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
	(4) Loading/unloading connections of oil pipelines or facility piping securely capped or blank-flanged when not in service or when in standby service for an extended period of time, including piping that is emptied of liquid content either by draining or by inert gas pressure <i>pg. 5 sec 9</i>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> NA	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
	(5) Adequate facility lighting commensurate with the type and location of the facility that assists in the discovery of discharges occurring during hours of darkness and to prevent discharges occurring through acts of vandalism	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA

GENERAL SPCC REQUIREMENTS—40 CFR 112.7		PLAN	FIELD
Comments:			
112.7(h) Tank car and tank truck loading/unloading rack [1973 Rule: 112.7(4)] Note that a tank car/truck loading/unloading rack must be present for §112.7(h) to apply			
(1)	Does loading/unloading area (the location adjacent to the loading or unloading rack) drainage flow to catchment basin or treatment facility? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No • If NO , quick drainage system used	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> NA
	Containment system holds capacity of the largest single compartment of a tank car/truck loaded/unloaded at the facility	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
(2)	Physical barriers, warning signs, wheel chocks, or vehicle brake interlock system in loading/unloading areas (the location adjacent to the loading or unloading rack) to prevent vehicles from departing before complete disconnection of flexible or fixed oil transfer lines	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> NA	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
(3)	Lower-most drains and all outlets on tank cars/trucks inspected prior to filling/departure, and, if necessary ensure that they are tightened, adjusted, or replaced to prevent liquid discharge while in transit	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
Comments:			
112.7(i) Brittle fracture evaluation of field-constructed aboveground containers [2002 Rule Requirement]			
<i>Brittle fracture evaluation is conducted after tank repair/alteration/change in service that might affect the risk of a discharge or after a discharge/failure due to brittle fracture or other catastrophe, and appropriate action taken as necessary (for field-constructed aboveground containers)</i>		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> NA	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> NA
112.7(j) State rules, regulations and guidelines and conformance with applicable sections of 40 CFR part 112 [1973 Rule: 112.7(e)]			
Discussion of conformance with applicable more stringent State rules, regulations, and guidelines and other effective discharge prevention and containment procedures listed in 40 CFR part 112		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA	
112.7(k) Qualified oil-filled operational equipment secondary containment option [2006 Rule Amendment]			
(1)	Has a single reportable discharge as described in §112.1(b) from any oil-filled operational equipment exceeding 1,000 U.S. gallons occurred within any 12-month period within the three years prior to Plan certification date?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input checked="" type="checkbox"/> NA	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input checked="" type="checkbox"/> NA
	Have two reportable discharges as described in §112.1(b) from any oil-filled operational equipment each exceeding 42 U.S. gallons occurred within any 12-month period within the three years prior to Plan certification date?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input checked="" type="checkbox"/> NA	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input checked="" type="checkbox"/> NA
	• If YES for either, secondary containment is required. (Note: Oil discharges that result from natural disasters, acts of war, or terrorism are not included in this qualification determination.) See 112.7(c).		
If NO and no secondary containment is provided	(2)(i) Facility procedure for inspections/monitoring program is established and documented	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input checked="" type="checkbox"/> NA	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input checked="" type="checkbox"/> NA
	(2)(ii) Unless facility has FRP: Contingency plan following 40 CFR part 109 (see Appendix D checklist) is provided AND	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input checked="" type="checkbox"/> NA	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input checked="" type="checkbox"/> NA
	Written commitment of manpower, equipment, and materials required to control and remove any quantity of oil discharged that may be harmful	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input checked="" type="checkbox"/> NA	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input checked="" type="checkbox"/> NA

GENERAL SPCC REQUIREMENTS—40 CFR 112.7
PLAN
FIELD

Comments:

ONSHORE FACILITIES (EXCLUDING PRODUCTION)—112.8/112.12
PLAN
FIELD
112.8(b)/112.12(b) Facility Drainage [1973 Rule: 112.7(e)(1)]

- (1) Drainage from diked storage areas is restrained by valves, **OR** manually activated pumps or ejectors are used and the condition of the accumulation is inspected prior to discharge to ensure no oil will be discharged.

☒ Yes
☐ No
☐ NA

☒ Yes
☐ No
☐ NA

- (2) Valves from diked storage areas are manual, open-and-closed design (not flapper-type drain valves)

☒ Yes
☐ No
☐ NA

☒ Yes
☐ No
☐ NA

If drainage is released directly to a watercourse and not into an onsite wastewater treatment plant, storm water inspected per §112.8(c)(3)(ii), (iii), and (iv) or §112.12(c)(3)(ii), (iii), and (iv)

☒ Yes
☐ No
☐ NA

☒ Yes
☐ No
☐ NA

- (3) Drainage from undiked areas with a potential for discharge designed to flow into ponds, lagoons, or catchment basins to retain oil or return it to facility. Catchment basin located away from flood areas.*

☐ Yes
☐ No
☒ NA

☐ Yes
☐ No
☒ NA

- (4) If facility drainage not engineered as in (b)(3), the facility is equipped with a diversion system to retain oil in the facility in the event of a discharge.*

☐ Yes
☐ No
☐ NA

☐ Yes
☐ No
☐ NA

- (5) Are facility drainage waters continuously treated in more than one treatment unit and pump transfer is needed?

☐ Yes ☐ No If YES:

NA

- Two "lift" pumps available and at least one permanently installed

☐ Yes
☐ No

☐ Yes
☐ No

- Facility drainage systems engineered to prevent a discharge as described in §112.1(b) in the case of equipment failure or human error

☐ Yes
☐ No

☐ Yes
☐ No

Comments:

The tanks + loading rack do not appear to be in the 2nd containment capture zone.

* These provisions apply only when a facility drainage system is used for containment; otherwise mark NA.

112.8(c)/112.12(c) Bulk Storage Containers [1973 Rule: 112.7(e)(2)]

If bulk storage containers are not present, mark this section Non Applicable (NA). If present, complete this section and Appendix B of this checklist)

- (1) Containers compatible with material stored and conditions of storage such as pressure and temperature

☒ Yes
☐ No
☐ NA

☒ Yes
☐ No
☐ NA

- (2) Except for mobile refuelers, construct secondary containment to hold capacity of largest container and sufficient freeboard for precipitation

see pg. 4 Sec. 6

☒ Yes
☒ No
☐ NA

☒ Yes
☐ No
☐ NA

Diked areas sufficiently impervious to contain discharged oil

☐ Yes
☒ No
☐ NA

☐ Yes
☒ No
☐ NA

Alternatively, any discharge to a drainage trench system will be safely confined in a facility catchment basin or holding pond

☐ Yes
☐ No
☒ NA

☐ Yes
☐ No
☒ NA

- (3) Is there drainage of uncontaminated rainwater from diked areas into a storm drain or open watercourse?

☒ Yes ☐ No If YES:

- (i) Bypass valve normally sealed closed

Is the valve locked closed?
No security areval valve.

☒ Yes
☒ No
☐ NA

☐ Yes
☐ No
☐ NA

ONSHORE FACILITIES (EXCLUDING PRODUCTION)—112.8/112.12		PLAN	FIELD
(ii)	Retained rainwater is inspected to ensure that its presence will not cause a discharge as described in §112.1(b)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> NA	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
(iii)	Bypass valve opened and resealed under responsible supervision	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> NA	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
(iv)	Adequate records of drainage are kept; for example, records required under permits issued in accordance with 40 CFR 122.41(j)(2) and (m)(3)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
(4) For completely buried metallic tanks installed on or after January 10, 1974 (if not exempt from SPCC regulation because subject to all of the technical requirements of 40 CFR part 280 or 281):			
	• Corrosion protection with coatings or cathodic protection compatible with local soil conditions	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input checked="" type="checkbox"/> NA	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> NA
	• Regular leak testing conducted	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> NA	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> NA
(5)	Partially buried or bunkered metallic tanks protected from corrosion with coatings or cathodic protection compatible with local soil conditions	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input checked="" type="checkbox"/> NA	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> NA
Comments:			
[Except for self-certified Plans]	(6) [2002 Rule Requirement] Aboveground containers integrity tested by visual inspection and another technique such as hydrostatic testing, radiographic testing, ultrasonic testing, acoustic emissions testing, or another system of non-destructive shell testing on a regular schedule and whenever material repairs are made	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
	[Interim requirement for facilities that began operation on or before August 16, 2002] Aboveground tanks integrity tested using such techniques as hydrostatic testing, visual inspection or a system of non-destructive shell thickness testing.	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> NA	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
	Container supports and foundations regularly inspected <i>per § 112.14 monthly</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
	Outside of containers frequently inspected for signs of deterioration, discharges, or accumulation of oil inside diked areas	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> NA	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
	Records of inspections and tests maintained	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
	(7) Leakage through defective internal heating coils controlled: • Steam returns and exhaust lines from internal heating coils that discharge into an open water source are monitored for contamination, OR • Steam returns and exhaust lines pass through a settling tank, skimmer, or other separation or retention system	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> NA	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> NA

ONSHORE FACILITIES (EXCLUDING PRODUCTION)—112.8/112.12		PLAN	FIELD
(8)	Each container is equipped with at least one of the following for liquid level sensing: (i) high liquid level alarms with an audible or visual signal at a constantly attended operation or surveillance station, or audible air vent in smaller facilities, (ii) high liquid level pump cutoff devices set to stop flow at a predetermined container content level, (iii) direct audible or code signal communication between container gauger and pumping station, (iv) fast response system (such as digital computers, telepulse, or direct vision gauges) and a person is present to monitor gauges and the overall filling of bulk storage containers . (v) liquid level sensing devices regularly tested to ensure proper operation	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> NA	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
(9)	Effluent treatment facilities observed frequently enough to detect possible system upsets that could cause a discharge as described in §112.1(b)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
(10)	Visible discharges which result in a loss of oil from the container, including but not limited to seams, gaskets, piping, pumps, valves, rivets, and bolts are promptly corrected and oil in diked areas is promptly removed	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
(11)	Mobile or portable containers positioned to prevent a discharge as described in §112.1(b).	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
	Mobile or portable containers (excluding mobile refuelers) have secondary containment with sufficient capacity to contain the largest single compartment or container and sufficient freeboard to contain precipitation	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
Comments:			
112.8(d)/112.12(d) Facility transfer operations, pumping, and facility process [1973 Rule: 112.7(e)(3)]			
(1)	[2002 Rule Requirement] Buried piping installed or replaced on or after August 16, 2002 has protective wrapping or coating	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> NA	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> NA
	Buried piping installed or replaced on or after August 16, 2002 is cathodically protected or otherwise satisfies corrosion protection standards for piping in 40 CFR part 280 or 281	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> NA	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> NA
	[Interim requirement for facilities that began operation on or before August 16, 2002] Buried piping has protective wrapping or coating and is cathodically protected if soil conditions warrant.	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> NA	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> NA
	Exposed buried piping is inspected for deterioration and corrosion damage is examined and corrected	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> NA	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> NA
(2)	Piping terminal connection at the transfer point is marked as to origin and capped or blank-flanged when not in service or in standby service for an extended time	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
(3)	Pipe supports are properly designed to minimize abrasion and corrosion and allow for expansion and contraction	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
(4)	Aboveground valves, piping, and appurtenances such as flange joints, expansion joints, valve glands and bodies, catch pans, pipeline supports, locking of valves, and metal surfaces are inspected regularly	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
	[2002 Rule Requirement] Integrity and leak testing conducted on buried piping at time of installation, modification, construction, relocation, or replacement	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> NA	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
(5)	Vehicles warned so that no vehicle endangers aboveground piping and other oil transfer operations	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA

ONSHORE FACILITIES (EXCLUDING PRODUCTION)—112.8/112.12**PLAN****FIELD**

Comments:

ADDITIONAL COMMENTS

Rule Provision	Comment

PHOTO DOCUMENTATION LOG

Photo Number	Description (include date, location, and direction)

Qualified Facilities Checklist

Appendix A: Qualified Facility Plan Requirements

Complete this Appendix only if the facility is a "qualified facility" as defined in §112.3(g). A qualified facility's Plan, whether certified by a PE or self-certified, must comply with all of the applicable requirements of §112.7 and subparts B and C of 40 CFR Part 112 referenced earlier in this checklist.

112.6—Qualified Facility Plan Requirements	Yes	No	NA
(a) Did the owner/operator of the qualified facility self-certify the SPCC Plan?			
<i>If NO, see requirements for 112.3(d) above. If YES, did the owner/operator certify in the Plan that:</i>			
(1) He or she is familiar with the requirements of 40 CFR part 112.			
(2) He or she has visited and examined the facility.			
(3) The Plan has been prepared in accordance with accepted and sound industry practices and standards.			
(4) Procedures for required inspections and testing have been established.			
(5) The Plan is being fully implemented.			
(6) The facility meets the qualification criteria set forth under §112.3 (g).			
(7) The Plan does not deviate from any requirements as allowed by §112.7(a)(2) and 112.7(d), except as described under §112.6(c).			
(8) Management has given full approval of the Plan and necessary resources have been committed for the Plan's full implementation.			
(b) Did the owner/operator self-certify any of the Plan's technical amendments?			
<i>If YES: Is the certification of any technical amendments in accordance with the provisions above (§112.6(a))?</i>			
(c)(1) and (d)(1) Environmental Equivalence. For each alternative measure allowed under §112.7(a)(2), the Plan is accompanied by a written statement by a PE that states the reason for nonconformance and describes the alternative method and how it provides equivalent environmental protection in accordance with §112.7(a)(2).			
(c)(2) and (d)(1) Impracticability. For each determination of impracticability of secondary containment pursuant to §112.7(d), the Plan clearly explains why secondary containment measures are not practicable at this facility and provides the alternative measures required in §112.7(d) in lieu of secondary containment.			
(c)(3) Security. The Plan contains one of the following: (i) The Plan complies with requirements under §112.7(g), OR (ii) The Plan complies with the requirements under §112.6(c)(3)(ii): Plan describes how the owner/operator secures and controls access to the oil handling, processing and storage areas; secures master flow and drain valves; prevents unauthorized access to starter controls on oil pumps; secures out-of-service and loading/unloading connections of oil pipelines; addresses the appropriateness of security lighting to both prevent acts of vandalism and assist in the discovery of oil discharges.			
(c)(4) Bulk Storage Containers. The Plan contains one of the following: (i) The Plan complies with the requirements under §§112.8(c)(6) or 112.12(c)(6), as applicable; OR (ii) The Plan complies with the requirements under §112.6(c)(4)(ii): <ul style="list-style-type: none"> • Aboveground containers, supports and foundations tested for integrity on a regular schedule and whenever repairs are made. • Appropriate qualifications for personnel performing tests and inspections have been determined in accordance with industry standards. • The frequency and type of testing and inspections have been determined in accordance with industry standards, taking into account container size, configuration and design. • Container supports and foundations regularly inspected • Outside of containers frequently inspected for signs of deterioration, discharges, or accumulation of oil inside diked areas • Records of inspections and tests maintained 			
(d) Did a PE certify a portion of a qualified facility's self-certified Plan? <i>If YES, the PE must certify in the Plan that:</i>			

<p>(d)(2).</p> <ul style="list-style-type: none"> (i) He/she is familiar with the requirements of 40 CFR Part 112. (ii) He/she or a representative agent has visited and examined the facility. (iii) The alternative method of environmental equivalence in accordance with §112.7(a)(2) or the determination of impracticability and alternative measures in accordance with §112.7(d) is consistent with good engineering practice, including consideration of applicable industry standards, and with the requirements of 40 CFR Part 112. 			
<p>(b)(1) If a PE certified a portion of the Plan, did a PE certify any technical amendments that affect this portion of the Plan?</p>			
<p>Comments:</p>			

SPCC FIELD INSPECTION AND PLAN REVIEW TABLE

Appendix B: Documentation of Field Observations for Containers and Associated Requirements

Inspectors should use this table to document observations of containers as needed.

Containers and Piping

Check containers for leaks, specifically looking for: drip marks, discoloration of tanks, puddles containing spilled or leaked material, corrosion, cracks, and localized dead vegetation, and standards/specifications of construction.

Check foundation for: cracks, discoloration, puddles containing spilled or leaked material, settling, gaps between container and foundation, and damage caused by vegetation roots.

Check piping for: droplets of stored material, discoloration, corrosion, bowing of pipe between supports, evidence of stored material seepage from valves or seals, and localized dead vegetation. (Document in comments section of §112.8(d) / §112.12(d).)

Secondary Containment (Active and Passive)

Check secondary containment for: containment system (including walls and floor) ability to contain oil such that oil will not escape the containment system before cleanup occurs, proper sizing, cracks, discoloration, presence of spilled or leaked material (standing liquid), erosion, corrosion, and valve conditions.

Check dike or berm systems for: level of precipitation in dike/available capacity, operational status of drainage valves (closed), dike or berm impermeability, debris, erosion, impermeability of the earthen floor/walls of diked area, and location/status of pipes, inlets, drainage around and beneath containers, presence of oil discharges within diked areas.

Check retention and drainage ponds for: erosion, available capacity, and presence of spilled or leaked material, debris, and stressed vegetation.

Check active measures (countermeasures) for: amount indicated in plan is available and appropriate; deployment procedures are realistic; material is located so that they are readily available; efficacy of discharge detection; availability of personnel and training, appropriateness of measures to prevent a discharge as described in §112.1(b).

[illegible]

SPCC INSPECTION AND TESTING CHECKLIST

Appendix C: Required Documentation of Tests and Inspections

Records of inspections and tests required by 40 CFR part 112 signed by the appropriate supervisor or inspector must be kept with the SPCC Plan for a period of three years. Records of inspections and tests conducted under usual and customary business practices will suffice. Documentation of the following inspections and tests should be kept with the SPCC Plan.

Inspection or Test	Documentation		Not Applicable
	Present	Not Present	
112.7—General SPCC Requirements			
<i>[2002 Rule Requirement]</i>			
(d) Integrity testing is conducted for bulk storage containers with no secondary containment system and for which an impracticability determination has been made			
(d) Integrity and leak testing of valves and piping associated with bulk storage containers with no secondary containment system and for which an impracticability determination has been made			
(i) Evaluate field-constructed aboveground containers for potential for brittle fracture or other catastrophic failure when the container undergoes a repair, alteration, reconstruction or change in service			
112.8/112.12—Onshore facilities (excluding production)			
(b)(2) Storm water released from facility drainage directly to a watercourse is inspected and records of drainage are kept			
(c)(3)(iv) Rainwater released directly from diked containment areas to a storm drain or open watercourse is inspected and records of drainage are kept			
(c)(4) Regular leak testing of completely buried metallic storage tanks			
(c)(6) Aboveground containers tested for integrity on a regular schedule			
(c)(6) Aboveground containers, supports and foundations visually inspected on a regular schedule.			
(c)(6) Diked areas inspected for accumulations of oil.			
(c)(8)(v) Liquid level sensing devices regularly tested to ensure proper operation			
(c)(9) Effluent treatment facilities are observed frequently enough to detect possible system upsets that could cause a discharge as described in §112.1(b)			
(d)(1) When buried piping is exposed, it is carefully inspected for deterioration and corrosion			
(d)(4) Aboveground valves, piping and appurtenances are regularly inspected and the general condition of flange joints, expansion joints, valve glands and bodies, catch pans, pipeline supports, locking of valves, and metal surfaces are assessed			
<i>[2002 Rule Requirement]</i>			
(d)(4) Integrity and leak testing of buried piping is conducted at time of installation, modification, construction, relocation or replacement			
112.6—Qualified Facilities (Complete this section only if the facility is a "qualified facility" as defined in §112.3(g))			
(c)(4)(i) Comply with the requirements under §112.8(c)(6) or §112.12(c)(6) as applicable (see above);			
OR			
(c)(4)(ii) Aboveground containers inspected and/or tested for integrity on a regular schedule and whenever repairs are made			
Appropriate qualifications for personnel performing tests and inspections have been determined in accordance with industry standards			

The frequency and type of testing and inspections have been determined in accordance with industry standards, taking into account container size, configuration and design			
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SPCC CONTINGENCY PLAN REVIEW CHECKLIST

Appendix D: 40 CFR Part 109—Criteria for State, Local and Regional Oil Removal Contingency Plans

If a facility makes an impracticability determination for secondary containment in accordance with §112.7(d), it is required to provide an oil spill contingency plan following 40 CFR part 109. An oil spill contingency plan may also be developed as an alternative to general secondary containment for qualified oil filled operational equipment in accordance with §112.7(k).

109.5—Development and implementation criteria for State, local and regional oil removal contingency plans*	Yes	No
(a) Definition of the authorities, responsibilities and duties of all persons, organizations or agencies which are to be involved in planning or directing oil removal operations.		
(b) Establishment of notification procedures for the purpose of early detection and timely notification of an oil discharge including:		
(1) The identification of critical water use areas to facilitate the reporting of and response to oil discharges.		
(2) A current list of names, telephone numbers and addresses of the responsible persons (with alternates) and organizations to be notified when an oil discharge is discovered.		
(3) Provisions for access to a reliable communications system for timely notification of an oil discharge, and the capability of interconnection with the communications systems established under related oil removal contingency plans, particularly State and National plans (e.g., NCP).		
(4) An established, prearranged procedure for requesting assistance during a major disaster or when the situation exceeds the response capability of the State, local or regional authority.		
(c) Provisions to assure that full resource capability is known and can be committed during an oil discharge situation including:		
(1) The identification and inventory of applicable equipment, materials and supplies which are available locally and regionally.		
(2) An estimate of the equipment, materials and supplies that would be required to remove the maximum oil discharge to be anticipated.		
(3) Development of agreements and arrangements in advance of an oil discharge for the acquisition of equipment, materials and supplies to be used in responding to such a discharge.		
(d) Provisions for well defined and specific actions to be taken after discovery and notification of an oil discharge including:		
(1) Specification of an oil discharge response operating team consisting of trained, prepared and available operating personnel.		
(2) Predesignation of a properly qualified oil discharge response coordinator who is charged with the responsibility and delegated commensurate authority for directing and coordinating response operations and who knows how to request assistance from Federal authorities operating under existing national and regional contingency plans.		
(3) A preplanned location for an oil discharge response operations center and a reliable communications system for directing the coordinated overall response operations.		
(4) Provisions for varying degrees of response effort depending on the severity of the oil discharge.		
(5) Specification of the order of priority in which the various water uses are to be protected where more than one water use may be adversely affected as a result of an oil discharge and where response operations may not be adequate to protect all uses.		
(e) Specific and well defined procedures to facilitate recovery of damages and enforcement measures as provided for by State and local statutes and ordinances.		

* The contingency plan should be consistent with all applicable state and local plans, Area Contingency Plans, and the National Contingency Plan (NCP).